

MET-L-CHEK COMPANY -- FP-95A(M) FLUORESCENT PENETRANT -- 6850-01-263-8222

=====
Product Identification
=====

Product ID:FP-95A(M) FLUORESCENT PENETRANT

MSDS Date:10/01/1999

FSC:6850

NIIN:01-263-8222

Status Code:A

Kit Part:Y

MSDS Number: CKPQK

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID ST

Box:00000

City:SANTA MONICA

State:CA

ZIP:90404

Country:US

Info Phone Num:310

-450-1111/FAX 452-4046

Emergency Phone Num:800-424-9300

Preparer's Name:NOT PROVIDED

Chemtrec Ind/Phone:(800)424-9300

CAGE:98733

=== Contractor Identification ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID ST

Box:00000

City:SANTA MONICA

State:CA

ZIP:90404

Country:US

Phone:310-450-1111/FAX 310452-4046

Contract Num:SP0450-00-M-SE34

CAGE:98733

=====
Composition/Information on Ingredients
=====

Ingred Name:HYDROTREATED MIDDLE DISTILLATE

CAS:64742-46-7

RTECS #:JN9379645

M

inimum % Wt:40.
Maxumum % Wt:70.
Other REC Limits:NOT PROVIDED
OSHA PEL:5 MG/M3
ACGIH TLV:10 MG/M3

===== Hazards Identification =====

LD50 LC50 Mixture:NOT PROVIDED
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE CONTACT: LIQUID MAY CAUSE
IRRITATION, REDNESS, TEARING AND STINGING OF EYES. SKIN CONTACT:
MAY CAUSE SKIN IRRITATION WITH PROLONGED OR REPEATED CONTACT.
SYMPTOMS MAY INCLUDE REDNESS, BURNING, AND C
RACKINK OF SKIN.
SWALLOWING: SMALL AMOUNTS MAY NOT PRODUCE HARMFUL EFFECTS. LARGE
AMOUNTS MAY BE HARMFUL. INHALATION: SMALL AMOUNTS MAY NOT BE
HARMFUL. LARGE AMOUNTS MAY BE HARMFUL.
Explanation of Carcinogenicity:THIS MATERIAL IS NOT KNOWN TO CONTAIN
ANY CONSTITUENTS LISTED AS A CARCINOGEN BY THE INTERNATIONAL AGENCY
FOR RESEARCH ON CANCER, THE NATIONAL TOXICOLOGY PROGRAM , OR OSHA.
Effects of Overexposure:STOMACH OR INTESTINAL UPSET (NAUSEA, VOMITING,
DIARRHEA), IRRITATI
ON (NOSE, THROAT, AIRWAYS), CENTRAL NERVOUS
SYSTEM DEPRESSION (DIZZINESS, DROWSINESS, FATIGUE, HEADACHE,
UNCONSCIOUSNESS).
Medical Cond Aggravated by Exposure:NOT PROVIDED

===== First Aid Measures =====

First Aid:EYES: FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES.
HOLD EYELIDS OPEN. SEEK MEDICAL ATTENTION. SKIN: REMOVE
CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER. IF
SYMPTOMS PERSIST, SE EK MEDICAL ATTENTION. LAUN
DER CLOTHING AND
CLEAN SHOES BEFORE REUSE. SWALLOWING: CALL A PHYSICIAN IMMEDIATELY.
IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY
MOUTH; PLACE INDIVIDUAL O N THEIR LEFT SIDE WITH THE HEAD DOWN. DO
NOT LEAVE THE INDIVIDUAL UNATTENDED. INHALATION: REMOVE TO FRESH
AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS
DIFFICULT, GIVE OXYGEN. GE T MEDICAL ATTENTION IMMEDIATELY

===== Fire Fighting Measures =====

=

Flash Point Method:PMCC

Flash Point:=93.3C, 200.F

Extinguishing Media:DRY CHEMICAL, WATER FOG, FOAM OR CARBON DIOXIDE.

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL. WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATE D IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:NONE KNOWN

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. ISOLATE AREA. WEAR PROTECTIVE GEAR, KEEP UNNECESSARY PERSONNEL AWAY. CONTAIN AND RECOVER LIQUID WHEN POSSIBLE. COLLECT LIQUID IN AN APPROPRIATE CONTAINER OR ABSORB WITH AN INERT MATERIAL SUCH AS VERMICULITE, DRY SAND, OR EARTH; DO NOT USE COMBUSTIBLE MATERIALS, AND PLACE IN A CHEMICAL WASTE CONTAINER. DO NOT FLUSH TO SEWER!

Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE. STORE IN A COOL, DRY WELL-VENTILATED LOCATION, AWAY FROM AREAS WHERE FIRE HAZARD MAY EXIST. STORE AND USE IN NO SMOKING AREA.

Other Precautions:EMPTY CONTAINERS MAY CONTAIN RESIDUE LIQUID AND VAPORS. ANY USE OF THIS PRODUCT IN ELEVATED TEMPERATURE PROCESSING SHOULD BE THOROUGHLY EVALUATED TO ESTABLISH AND MAINTAIN SAFE OPERATING CONDITIONS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:PERSONAL RESPIRATORS (NIOSH APPROVED) IF EXPOSURE LIMIT IS EXCEEDED.

Ventilation:A SYSTEM OF LOCAL OR GENERAL EXHAUST IS RECOMMENDED TO KEEP EMPLOYEE EXPOSURE BELOW THE AIRBORNE EXPOSURE LIMITS. LOCAL EXHAUST VENTILATION IS PREFERRED.

Protective Gloves:WEAR RESISTANT GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES, SAFETY GLASSES OR FULL FACE SHIELD ARE ADVISED.

Other Protective Equipment:TO PREVENT R

REPEATED OR PROLONGED SKIN

CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS. EYE WASH AND QUICK-DRENCH FACILITIES SHOULD BE NEAR WORK AREA.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

UNIT QTY IS A KIT CONSISTING OF ONE 5 GALLON CAN OF PENETRANT AND TWO 5 GALLON CANS OF EMULSIFIER (MSDS SERIAL NUMBER: CKQQR), PER CONTRACTING TECHNICAL DATA FILE (CTDF).

===== Physical/Chemical Properties =====

HCC:V5

NRC/State Lic Num:NOT RELEVANT

Bo

Boiling Pt:>204.4C, 400.F

Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED

Decomp Temp:Decomp Text:NOT PROVIDED

Spec Gravity:0.947@60F

Viscosity:NOT PROVIDED

Evaporation Rate & Reference:NOT PROVIDED

Solubility in Water:INSOLUBLE

Appearance and Odor:FLUORESCENT YELLOW-GREEN LIQUID. SLIGHT HYDROCARBON ODOR.

Corrosion Rate:NOT PROVIDED

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

AVOID STRONG OXIDIZING AGENTS.

Stability Condition to

Avoid:STABLE UNDER ORDINARY CONDITIONS OF USE AND STORAGE.

Hazardous Decomposition Products:MAY FORM CARBON DIOXIDE AND CARBON MONOXIDE.

===== Toxicological Information =====

Toxicological Information:NO DATA AVAILABLE ON PRODUCT.

===== Ecological Information =====

Ecological:NO DATA AVAILABLE ON PRODUCT.

===== Disposal Considerations =====

Waste Disposal Methods:PROCESSING, USE OR CONTAINMENT

MINATION OF THIS PRODUCT

MAY CHANGE WASTE MANAGEMENT OPTIONS. STATE AND LOCAL DISPOSAL REGULATIONS MAY DIFFER FROM FEDERAL DISPOSAL REGULATIONS. DISPOSE OF CONTAINER AND UNUSED CONTENTS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REQUIREMENTS.

=====
MSDS Transport Information
=====

Transport Information:DOT INFORMATION (49CFR 172.101): NOT REGULATED.

=====
Regulatory Information
=====

SARA Title III Information:

SARA SECTION 302 COMPONENTS-40CFR355

APPENDIX A: NONE. SECTION 311/312 HAZARD CLASS-40CFR370.2:
IMMEDIATE (X), DELAYED (X), FIRE (), REACTIVE (), SUDDEN RELEASE
OF PRESSURE (). SARA 313 COMPONENTS- 40CFR372.65: NONE.

Federal Regulatory Information:TSCA: LISTED.

State Regulatory Information:CALIFORNIA PROPOSITION 65 REQUIRES THE
FOLLOWING STATEMENT - PRODUCT MAY CONTAIN DETECTABLE AMOUNTS OF
SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

=====
== Other Information =====

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability
of this information to their
particular situation.